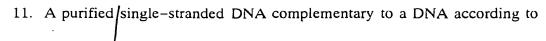


Claims as amended under Article 19 of the PCT

- 1. A purified single-stranded DNA comprising any of the nucleotide sequences listed under SEQ ID NO 1 - 7837.
- 2. A purified single-stranded DNA complementary to a DNA according to Claim 1.
- 3. A purified double-stranded DNA consisting of a DNA according to Claim 1 and a DNA according to Claim 2.
- 4. A purified single-stranded DNA comprising a portion of any of the nucleotide sequences listed under SEQ ID NO 1 - 7837 and hybridizing specifically to a particular site of human genomic DNA, human cDNA or human mRNA.
- 5. A purified single-stranded DNA complementary to a DNA according to Claim 4.
- 6. A purified double-stranded DNA consisting of a DNA according to Claim 4 and a DNA according to Claim 5.
- 7. A purified single-stranded DNA complementary to a human mRNA containing any of the nucleotide sequences listed under SEQ ID NO 1 - 7837 (wherein T is read as U) at its B' region.
- 8. A purified single-stranded DNA complementary to a DNA according to Claim 7.
- 9. A purified double stranded DNA consisting of a DNA according to Claim 7 and a DNA according to Claim 8.
- 10. A purified single-stranded DNA complementary to a portion of a human mRNA containing any of the nucleotide sequences listed under SEQ ID NO 1 - 7837 (wherein T is read as U) at its 3' region.

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Claim 10.

- 12. A purified double-stranded DNA consisting of a DNA according to Claim 10 and a DNA according to Claim 11.
 - 13. A DNA probe consisting of a DNA according to Claim 1.
 - 14. A DNA probe consisting of a DNA according to Claim 2.
 - 15. A DNA probe consisting of a DNA according to Claim 4.
 - 16. A DNA probe consisting of a DNA according to Claim 5.
 - 17. A DNA probe consisting of a DNA according to Claim 7.
 - 18. A DNA proper consisting of a DNA according to Claim 8.
 - 19. A DNA probe consisting of a DNA according to Claim 10.
 - 20. A DNA probe consisting of a DNA according to Claim 11.
 - 21. A DNA primer consisting of a DNA according to Claim 1.
 - 22. A DNA primer consisting of a DNA according to Claim 2.
 - 23. A DNA primer consisting of a DNA according to Claim 4.
 - 24. A DNA primer consisting of a DNA according to Claim 5.
 - 25. A DNA primer consisting of a DNA according to Claim 7.
 - 26. A DNA printer consisting of a DNA according to Claim 8.
 - 27. A DNA primer consisting of a DNA according to Claim 10.
 - 28. A DNA primer consisting of a DNA according to Claim 11.

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